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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/823,927	03/29/2001	Yusuke Tsutsui	81784.0232	7549

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EXAMINER

SHANKAR, VIJAY

ART UNIT	PAPER NUMBER
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2629

DATE MAILED: 05/16/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary	Application No. 09/823,927	Applicant(s) TSUTSUI ET AL.	
	Examiner VIJAY SHANKAR	Art Unit 2629	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 09 January 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-23 and 32-35 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-23 and 32-35 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some * c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. _____.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- * See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- | | |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892) | 4) <input type="checkbox"/> Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948) | 5) <input type="checkbox"/> Notice of Informal Patent Application (PTO-152) |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____ |

DETAILED ACTION

Priority

1. Receipt is acknowledged of papers submitted under 35 U.S.C. 119(a)-(d), which papers have been placed of record in the file.

Claim Rejections - 35 USC § 112

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

3. Claims 1-23 and 32-35 are rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

1) Claim 1, lines 15,18; Claim 15, lines 15,18; Claim 16, lines 15,18; Claim 18, lines 13,16; Claim 34, lines 15,18; the recitation "said power save" lacks antecedent basis. There is insufficient antecedent basis for this limitation in the claim.

2) Claim 1, lines 16-17; Claim 15, lines 16-17; Claim 16, lines 16-17; Claim 18, line 15; Claim 34, lines 16-17; the recitation "said display region" lacks antecedent basis. There is insufficient antecedent basis for this limitation in the claim.

3) Claim 2, line 13; the recitation "said supply voltage input" lacks antecedent basis. There is insufficient antecedent basis for this limitation in the claim.

4) Claims 4,11, line 6; the recitation "said output end of power supply" lacks antecedent basis. There is insufficient antecedent basis for this limitation in the claim.

5) Claim 4,11, line 9; the recitation "said two types of output switches" lacks antecedent basis. There is insufficient antecedent basis for this limitation in the claim.

6) Claims 5,7,12,14, line 10; Claim 11, line 8; recitation "said output ends of the power supply" lacks antecedent basis. There is insufficient antecedent basis for this limitation in the claim.

7) Claim 5, line 17; Claim 6, line 8; Claims 7,14, line 16; Claim 12, line 19; the recitation "said output switch or switches" lacks antecedent basis. There is insufficient antecedent basis for this limitation in the claim.

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8) Claims 7,14, line 16; the recitation "said oscillation circuit" lacks antecedent basis. There is insufficient antecedent basis for this limitation in the claim.

9) Claims 17,19, line 3; the recitation "said instruction" lacks antecedent basis. There is insufficient antecedent basis for this limitation in the claim.

10) Claim 17, lines 8-9; the recitation "said power supply circuit sets" lacks antecedent basis. There is insufficient antecedent basis for this limitation in the claim.

11) Claim 34, line 10; the recitation "said digital power supply circuit" lacks antecedent basis. There is insufficient antecedent basis for this limitation in the claim.

12) Claim 1, line 20; Claim 8, line 7; Claim 15, lines 11,13,20; Claim 16, line 20; Claim 18, line 18; Claim 21, line 3; Claim 34, lines 19-20; the recitation "analog signal" should be "analog display signal".

13) Claim 1, line 20; Claim 15, line 20; Claim 16, line 20; Claim 18, line 18; Claim 34, line 20; the recitation "digital signal" should be "digital display signal".

Claim Objections

4. Claim 4, line 1; objected to because of the following informalities: The recitation " a driving " should be recited as " A driving " .

Appropriate correction is required.

5. Applicant's arguments with respect to claims 1-23, and 32-35 have been considered but are moot in view of the new ground(s) of rejection.

6. Claims 1-23, and 32-35 would be allowable if rewritten or amended to overcome the rejection(s) under 35 U.S.C. 112, 2nd paragraph, set forth in this Office action.

7. Any inquiry concerning this communication or earlier communications from the examiner should be directed to VIJAY SHANKAR whose telephone number is (571) 272-7682. The examiner can normally be reached on M-F 7:00 am - 4:30 pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, BIPIN SHALWALA can be reached on (571) 272-7681. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

A handwritten signature in black ink, appearing to read 'Vijay Shankar', written in a cursive style.

VIJAY SHANKAR
Primary Examiner
Art Unit 2629

VS